## 11B145L00220220



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 150A, AC/DC COIL, electric ALREADY FITTED WITH MECHANICAL LATCH (G495), 220...240VAC/DC, MECHANICAL LATCH 110...125VAC



Product type designation         B145           Number of poles         Nr.         3           Rated insulation voltage Ui IEC/EN         V         1000           Rated insulation voltage Uimp         KV         8           Operational frequency         min         Hz         25           max         Hz         400         1000           IEC conventional free air thermal current lth         A         250           Operational current le         AC-1 (≤40°C)         A         250           AC-1 (≤5°C)         A         235         AC-1 (≤40°C)         A         250           AC-1 (≤40°C)         A         250         AC-1 (≤40°C)         A         250           AC-3 (≤440V ≤55°C)         A         150         AC-4 (400V)         A         57           Rated operational power AC-3 (T≤55°C)         400V         KW         80         80           Rated operational power AC-1 (T≤40°C)         230V         KW         91         400V         KW         150           IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series         75V         A         220         110V         A         110           220V         A         -         330V         A <t< th=""><th>Product designation</th><th></th><th></th><th>Power contactor</th></t<>	Product designation			Power contactor
Number of polesNr.3Rated insulation voltage UI IEC/ENV1000Rated insulation voltage UImpk/V8Operational frequencyminHz25maxHz400400IEC Conventional free air thermal current IthA250Operational current IeAC-1 (\$40°C)A250AC-1 (\$55°C)A235AC-1 (\$55°C)A150AC-3 (\$4400V)A5757Rated operational power AC-3 (T≤55°C)400VkW80Rated operational power AC-1 (T≤40°C)230VkW91400V500VkW150600VkW150500VkW150500VkW1501EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series75VA220110VA1501EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series75VA220110VA1501EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220110VA1501EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220110VA1501EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220110VA1501EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220110VA1501EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220110VA150	Product type designation			B145
Rated insulation voltage U IEC/ENV1000Rated impulse withstand voltage UimpkV8Operational frequencyminHz25maxHz4001IEC Conventional free air thermal current lthA250Operational current leAC-1 (≤40°C)A250AC-1 (≤55°C)A250AC-1 (≤55°C)AAC-1 (≤55°C)A190AC-3 (≤440V ≤55°C)AAC-3 (≤440V ≤55°C)A150AC-4 (400V)ARated operational power AC-3 (T≤55°C)400VkW80Rated operational power AC-1 (T≤40°C)230VkW91400VkW150500VkWEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series75VA2201EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series75VA2201EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA2201EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA2201EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA2201EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA2201EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA2201EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA2201EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA2201EC max current le in DC1 with L/R ≤ 1ms			Nle	2
Rated impulse withstand voltage UimpkV8Operational frequencyminHz25maxHz400IEC Conventional free air thermal current lthA250Operational current leAC-1 (s40°C)A250AC-1 (s55°C)A150AC-1 (s70°C)A190AC-3 (s440V s55°C)A150AC-4 (400V)A57Rated operational power AC-3 (T≤55°C)400VkW80Rated operational power AC-1 (T≤40°C)230VkW91400VkW150500VkW150690VkW270110VA110220VA-330VA-460VA-110VA110220VA-330VA-1EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series75VA2201EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA2201EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220110VA150220VA-1EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220110VA150330VA-1EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220110VA150330VA-110VA150330VA-110VA				
Operational frequencymin maxHz Hz25 400IEC Conventional free air thermal current lthA250Operational current leAC-1 (\$40°C)A250 AC-1 (\$55°C)AC-1 (\$55°C)A235 AC-1 (\$70°C)A190 AC-3 (\$440V \$55°C)Rated operational power AC-3 (T≤55°C)400VkW80Rated operational power AC-1 (T≤40°C)230VkW91 400V57Rated operational power AC-1 (T≤40°C)230VkW96 990V150 500VIEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series75VA220 110VIEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series75VA220 110VIEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220 110VIEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220 110VIEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220 110VIEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220 110VIEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220 110VIEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220 110VIEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220 110VIEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220 110VIEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75	¥			
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max         Hz         400           IEC Conventional free air thermal current lth         A         250           Operational current le         AC-1 (≤40°C)         A         250           AC-1 (≤55°C)         A         235         AC-1 (≤40°C)         A         190           AC-1 (≤40°C)         A         190         AC-3 (≤40V > 55°C)         A         190           AC-3 (≤440V > 55°C)         A         150         AC-4 (400V)         A         57           Rated operational power AC-3 (T≤55°C)         400V         kW         80         Acted (400V)         KW         91           Acted operational power AC-1 (T≤40°C)         230V         kW         91         400V         kW         150           EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series         75V         A         220         1110V         A         110           220V         A         -         330V         A         -         460V         A         -           IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series         75V         A         220         1110V         A         150           220V         A         -         460V         A         -         -         460V	Operational frequency			05
IEC Conventional free air thermal current IthA250Operational current IeAC-1 (≤40°C)A250AC-1 (≤55°C)A235AC-1 (≤55°C)A190AC-3 (≤440V) ≤55°C)A150AC-4 (400V)A57Rated operational power AC-3 (T≤55°C)400VkW80Rated operational power AC-1 (T≤40°C)230VkW91400VkW150500VkW150500VkW270110VA1101EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series75VA2201IOVA110220VA-330VA-460VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series75VA2201IOVA130330VA-460VA-110VA150220VA130330VA-460VA-150220VA1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220110VA150230VA130220VA130330VA-460VA-150230VA1501EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220110VA150230VA130460VA-150150				
Operational current le         AC-1 (s40°C)         A         250           AC-1 (s55°C)         A         235         AC-1 (s55°C)         A         190           AC-3 (s440V s55°C)         A         150         AC-4 (400V)         A         57           Rated operational power AC-3 (T≤55°C)         400V         kW         80           Rated operational power AC-1 (T≤40°C)         230V         kW         91           400V         kW         150         500V         kW         196           690V         kW         220         110V         A         110           220V         kW         91         400V         A         -           IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series         75V         A         220           110V         A         110         220V         A         -           IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series         75V         A         220           110V         A         150         220V         A         -           330V         A         -         460V         A         -           IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series         75V         A         220<		max		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			A	250
$\begin{array}{cccccccc} AC-1 (\leq 55^{\circ}C) & A & 235 \\ AC-1 (\leq 70^{\circ}C) & A & 190 \\ AC-3 (\leq 4400 \lor 55^{\circ}C) & A & 150 \\ AC-4 (400 \lor A & 57 \\ \hline \end{array}$ Rated operational power AC-3 (T<55^{\circ}C) & & & & & & & & & & & & & & & & & & &	Operational current le			050
$\begin{array}{cccccccc} AC-1 (\leq 70^{\circ}\text{C}) & A & 190 \\ AC-3 (\leq 440V \leq 55^{\circ}\text{C}) & A & 150 \\ AC-4 (400V) & A & 57 \\ \hline \end{array}$ Rated operational power AC-3 (T \leq 55^{\circ}\text{C}) & & & & & & & & & & & & & & & & & & &				
AC-3 (≤440V ≤55°C)A150 ARated operational power AC-3 (T≤55°C)400VkW80Rated operational power AC-1 (T≤40°C)230VkW91 400V230VkW91 400VkW150 500V500VkW196 690V690VkW690VkW270IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series75VA220 110V1EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series75VA220 110V1EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series75VA220 110V1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220 110V1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220 110V1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220 110V1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220 110V1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220 110V1EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220 110V1EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220 110V1EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220 110V				
AC-4 (400V)A57Rated operational power AC-3 (T≤55°C)400VkW80Rated operational power AC-1 (T≤40°C)230VkW91400VkW150500VkW196690VkW196690VkW270IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series75VA220110VA110220VA-330VA-460VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series75VA220110VA150330VA-460VA-460VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220110VA150330VA-460VA-150330VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220110VA150330VA-IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220110VA150330VA-IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220110VA150330VA-1EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220110VA150330VA-110VA150330VA<		. ,		
Rated operational power AC-3 (T≤55°C)400VkW80Rated operational power AC-1 (T≤40°C)230VkW91400VkW150500VkW196690VkW270IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series75VA220110VA110220VA-330VA-460VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series75VA220110VA150220VA130330VA-460VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220110VA150220VA150220VA150330VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220110VA150330VA-IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220110VA150330VA-IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220110VA150330VA-1EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220110VA150330VA-1EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA22011		. ,		
400VkW80Rated operational power AC-1 (T≤40°C)230VkW91400VkW150500VkW196690VkW270IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series75VA220110VA110220VA-330VA-460VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series75VA220110VA150220VA130330VA-460VA-460VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220110VA150220VA130330VA-460VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220110VA150220VA130330VA130460VA-IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220110VA130460VA-IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220110VA150330VA130460VA-150330VA150		AC-4 (400V)	A	57
Rated operational power AC-1 (T≤40°C)230VkW91400VkW150500VkW196690VkW270IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series75VA220110VA110220VA-20VA-330VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series75VA220110VA150220VA13020VA-460VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220110VA150220VA130330VA-460VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75VA220110VA150220VA150220VA150330VA-IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220110VA150330VA-IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75VA220110VA150330VA-460VA-460VA-120110VA150330VA130330VA130330VA130330VA130350350350 <td< td=""><td>Rated operational power AC-3 (1≤55°C)</td><td>(00)/</td><td></td><td></td></td<>	Rated operational power AC-3 (1≤55°C)	(00)/		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		400V	KVV	80
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Rated operational power AC-1 (T≤40°C)			
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$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series75V AA 220 110V A110 100 220V A $220V$ A- 330V 4- 330V 4- 330V 4IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series75V 110V AA 220 110V 4IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series75V 4 220V 4A 220 110V 4IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75V 4 220V 4A 4IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series75V 4 220V 4A 4IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75V 4 220V 4A 4IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75V 4 220 4A 220 110V 4IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series75V 4 220 4A 220 4				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		690V	kW	270
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series			
$\begin{array}{c cccc} 220 & A & - \\ 330 & A & - \\ 460 & A & - \end{array} \\ \hline \begin{tabular}{lllllllllllllllllllllllllllllllllll$				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				110
$\begin{tabular}{ c c c c } \hline 460V & A & - \\ \hline IEC max current le in DC1 with L/R \le 1ms with 2 poles in series \\ \hline 75V & A & 220 \\ 110V & A & 150 \\ 220V & A & 130 \\ 330V & A & - \\ 460V & A & - \\ 460V & A & - \\ \hline 1EC max current le in DC1 with L/R \le 1ms with 3 poles in series \\ \hline 75V & A & 220 \\ 110V & A & 150 \\ 220V & A & 150 \\ 220V & A & 150 \\ 330V & A & 130 \\ 460V & A & - \\ \hline IEC max current le in DC1 with L/R \le 1ms with 4 poles in series \\ \hline IEC max current le in DC1 with L/R \le 1ms with 4 poles in series \\ \hline 75V & A & 220 \\ 110V & A & 150 \\ \hline 800V & A & - \\ \hline 1EC max current le in DC1 with L/R \le 1ms with 4 poles in series \\ \hline 75V & A & 220 \\ 110V & A & 150 \\ \hline 800V & A & - \\ \hline 110V & A & 150 \\ \hline 800V & A & - \\ \hline 800V & A & $				-
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $75V$ A $220$ $110V$ A $150$ $220V$ A $130$ $330V$ A- $460V$ A-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $75V$ A $220$ $110V$ A $150$ $220V$ A $150$ $220V$ A $150$ $330V$ A $130$ $460V$ A-IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series $75V$ AIEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series $75V$ A $220$ $110V$ A $130$ $460V$ A-IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series $75V$ A $220$ $110V$ A $150$				-
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		460V	A	_
$\begin{tabular}{cccc} & 110V & A & 150 \\ & 220V & A & 130 \\ & 330V & A & - \\ & 460V & A & - \\ \hline & 1EC \mbox{ max current le in DC1 with L/R $\le$ 1ms with 3 poles in series} \\ & & & & & & & & & \\ & & & & & & & & $	IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$\begin{tabular}{ c c c c c } \hline 460V & A & - \\ \hline \mbox{IEC max current le in DC1 with L/R $\le$ 1ms with 3 poles in series} \\ \hline 75V & A & 220 \\ 110V & A & 150 \\ 220V & A & 150 \\ 330V & A & 130 \\ 460V & A & - \\ \hline \mbox{IEC max current le in DC1 with L/R $\le$ 1ms with 4 poles in series} \\ \hline \hline 75V & A & 220 \\ 110V & A & 150 \\ \hline \hline 75V & A & 220 \\ 110V & A & 150 \\ \hline \end{tabular}$				130
IEC max current le in DC1 with L/R $\leq$ 1ms with 3 poles in series75VA220110VA150220VA150330VA130460VA-IEC max current le in DC1 with L/R $\leq$ 1ms with 4 poles in series75VA220110VA150				-
$\begin{array}{ccccccc} 75 & A & 220 \\ 110 & A & 150 \\ 220 & A & 150 \\ 330 & A & 130 \\ 460 & A & - \end{array}$ IEC max current le in DC1 with L/R $\leq$ 1ms with 4 poles in series $\begin{array}{cccccccccccccccccccccccccccccccccccc$		460V	A	_
$ \begin{array}{cccc} 110 V & A & 150 \\ 220 V & A & 150 \\ 330 V & A & 130 \\ 460 V & A & - \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 4 poles in series} \\ \hline & & & & & \\ \hline & & & & & \\ \hline & & & &$	IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series			
$\begin{array}{c cccc} 220 & A & 150 \\ 330 & A & 130 \\ 460 & A & - \end{array} \end{array}$ IEC max current le in DC1 with L/R $\leq$ 1ms with 4 poles in series $\begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c c} 330 V & A & 130 \\ 460 V & A & - \end{array}$ IEC max current le in DC1 with L/R $\leq$ 1ms with 4 poles in series $\begin{array}{c c} 75 V & A & 220 \\ 110 V & A & 150 \end{array}$				
460V         A         -           IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series         75V         A         220           110V         A         150				
IEC max current le in DC1 with L/R $\leq$ 1ms with 4 poles in series 75V A 220 110V A 150				130
75V A 220 110V A 150		460V	A	-
110V A 150	IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			
220V A 150				
		220V	А	150



11B145L00220220 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 150A, AC/DC COIL, electric ALREADY FITTED WITH MECHANICAL LATCH (G495), 220...240VAC/DC, MECHANICAL LATCH

110...125VAC

	330V	А	150
	460V	А	130
IEC max current le in DC3-DC5 with L/R $\leq$ 15ms with 1 poles in series			
	75V	А	160
	110V	А	80
	220V	А	_
	330V	А	_
	460V	А	_
EC max current le in DC3-DC5 with L/R $\leq$ 15ms with 2 poles in series			
	75V	А	160
	110V	А	120
	220V	А	90
	330V	A	_
	460V	A	_
EC max current le in DC3-DC5 with L/R $\leq$ 15ms with 3 poles in series	400 V		
	75V	А	160
	110V	A	140
	220V	A	120
	330V	A	90
	460V	A	_
EC max current le in DC3-DC5 with L/R $\leq$ 15ms with 4 poles in series			
	75V	A	160
	110V	А	140
	220V	A	140
	330V	А	140
	460V	A	90
Short-time allowable current for 10s (IEC/EN60947-1)		Α	1300
Protection fuse			
	gG (IEC)	Α	250
	aM (IEC)	А	160
Making capacity (RMS value)		А	1500
Breaking capacity at voltage			
	440V	А	1500
	500V	А	1400
	690V	А	1200
Resistance per pole (average value)		mΩ	0.3
Power dissipation per pole (average value)			
	lth	W	14.5
	AC-3	W	6.8
Tightening torque for terminals	70.0	vv	0.0
	min	Nim	10
	min	Nm	18
	max	Nm	18
	min	Ibin	13.3
	max	Ibin	13.3
Tightening torque for coil terminal			
	min	Nm	1
	max	Nm	1
	min	lbin	0.74
	max	lbin	0.74
Max number of wires simultaneously connectable		Nr.	2
Conductor section			
AWG/Kcmil			
	max		4/0



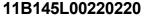
11B145L00220220 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 150A, AC/DC COIL, electric ALREADY FITTED WITH MECHANICAL LATCH (G495), 220...240VAC/DC, MECHANICAL LATCH

ENERGY AND AUTOMATION

110...125VAC

Power terminal protection according to IEC/EN 60529			IP00
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		±30°
Fixing			Screw
Weight		g	6080
Conductor section			
AWG/kcmil conductor section			
	max		4/0
Operations			
Mechanical life		cycles	1000000
Electrical life		cycles	1100000
Safety related data			
Performance level B10d according to EN/ISO 13489-1			
	rated load	cycles	1100000
	mechanical load	cycles	10000000
Mirror contats according to IEC/EN 609474-4-1			yes
EMC compatibility			yes
AC coil operating			
Rated AC voltage at 50/60Hz, 60Hz			
	min	V	220
	max	V	240
AC operating voltage			
of 50/60Hz coil powered at 50Hz			
pick-up			
	min	%Us	80
	max	%Us	110
drop-out		0/11	
	min	%Us	20
	max	%Us	60
of 50/60Hz coil powered at 60Hz			
pick-up		0/11-	00
	min	%Us	80
1	max	%Us	110
drop-out		0/11-	20
	min	%Us	20
	max	%Us	60
of 60Hz coil powered at 60Hz			
pick-up		%Us	80
	min		80 110
draa aut	max	%Us	110
drop-out		0/11-	20
	min	%Us	20 60
AC average coil concumption of 20°C	max	%Us	60
AC average coil consumption at 20°C			
of 50/60Hz coil powered at 50Hz	in much	١/٨	200
	in-rush	VA	300
	holding	VA	10
of 50/60Hz coil powered at 60Hz		174	200
	in-rush	VA	300
	holding	VA	10
Dissipation at holding ≤20°C 50Hz		W	10

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THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 150A, AC/DC COIL, electric ALREADY FITTED WITH MECHANICAL LATCH (G495), 220...240VAC/DC, MECHANICAL LATCH

ENERGY AND AUTOMATION

110...125VAC

DC coil operating				
DC rated control voltage	je			
		min	V	220
		max	V	240
DC operating voltage				
	pick-up			
		min	%Us	80
		max	%Us	110
	drop-out			
		min	%Us	20
		max	%Us	60
Average coil consump	tion ≤20°C			
		in-rush	W	300
		holding	W	10
Max cycles frequency				
Mechanical operation			cycles/h	2400
Operating times				
Average time for Us co				
	in AC			
	Closing No			<u> </u>
		min	ms	60
		max	ms	100
	Opening N	min	me	25
			ms ms	25 60
	in DC	max	ms	00
	Closing N	2		
	Closing N	min	ms	60
		max	ms	100
	Opening N		1115	100
	opening i	min	ms	25
		max	ms	60
UL technical data		max	ine	
	for three-phase AC motor			
		at 480V	А	124
		at 600V	A	125
Yielded mechanical pe	rformance			
	for three-phase AC motor			
		200/208V	HP	50
		220/230V	HP	50
General USE				
	Contactor			
		AC current	А	250
Short-circuit protection	fuse, 600V			
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	А	500
		Fuse class		RK5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	70
	Storage temperature			

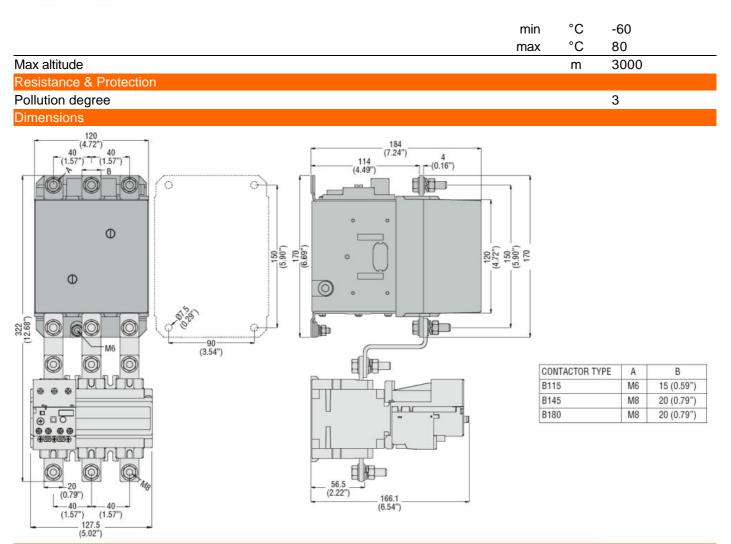
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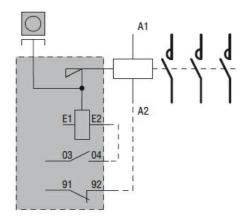
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ENERGY AND AUTOMATION

110...125VAC



Wiring diagrams



## Certifications and compliance

## Compliance

	CSA C22.2 n° 60947-1
	CSA C22.2 n° 60947-4-1
	IEC/EN 60947-1
	IEC/EN 60947-4-1
	UL 60947-1
	UL 60947-4-1
itos	

Certificates



## 11B145L00220220 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 150A, AC/DC COIL, electric ALREADY FITTED WITH MECHANICAL LATCH (G495), 220...240VAC/DC, MECHANICAL LATCH

ENERGY AND AUTOMATION

110...125VAC

	CCC			
	cULus			
	EAC			
sification				

ETIM class

ETIM 8.0

EC000066 -Power contactor, AC switching